

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
 Data File : BF141608.D
 Acq On : 13 Feb 2025 12:24
 Operator : RC/JU
 Sample : Q1237-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HL2PX3

Quant Time: Feb 13 12:54:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

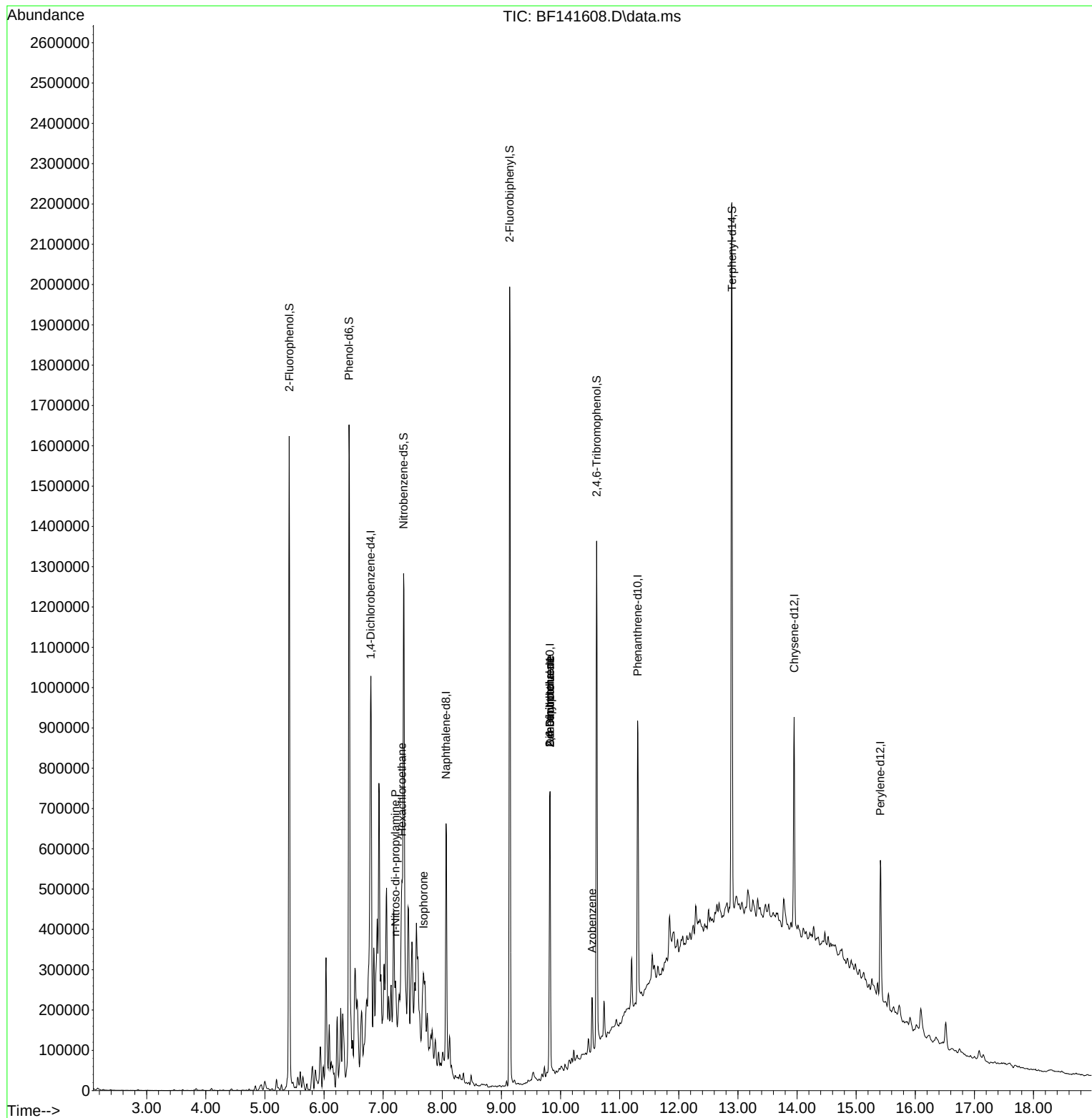
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	97501	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	397436	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	223685	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	371884	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	250100	20.000	ng	-0.01
86) Perylene-d12	15.410	264	205278	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	591179	95.057	ng	0.00
7) Phenol-d6	6.422	99	735929	93.623	ng	-0.02
23) Nitrobenzene-d5	7.345	82	492796	64.673	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	205410	91.415	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	907766	62.523	ng	-0.01
79) Terphenyl-d14	12.898	244	915157	61.773	ng	0.00
Target Compounds						
					Qvalue	
18) Hexachloroethane	7.316	117	5483	2.044	ng	# 1
19) n-Nitroso-di-n-propyla...	7.210	70	9575	2.036	ng	# 62
25) Isophorone	7.681	82	40507	3.334	ng	# 63
50) Dimethylphthalate	9.822	163	34364	2.263	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	29263	8.815	ng	# 22
57) 2,4-Dinitrotoluene	9.822	165	29405	6.654	ng	# 19
63) Azobenzene	10.534	77	34396	2.316	ng	# 1

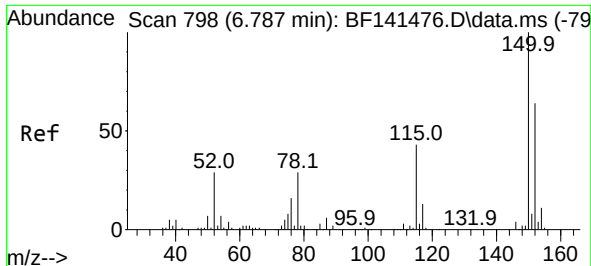
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
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Misc :
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Quant Time: Feb 13 12:54:24 2025
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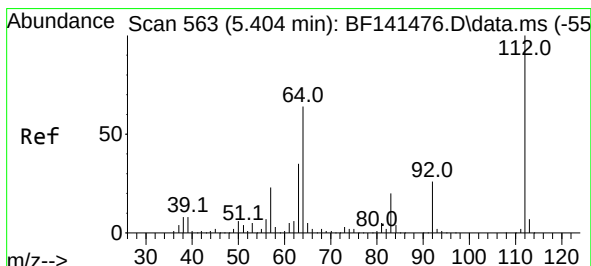
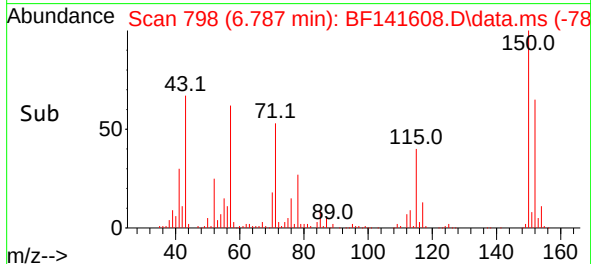
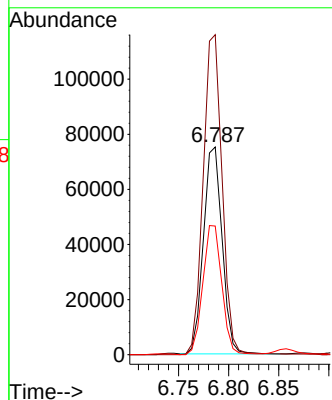
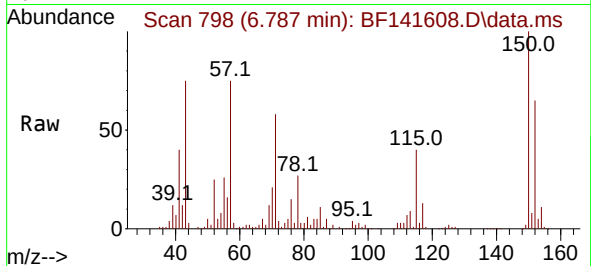




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141608.D
Acq: 13 Feb 2025 12:24

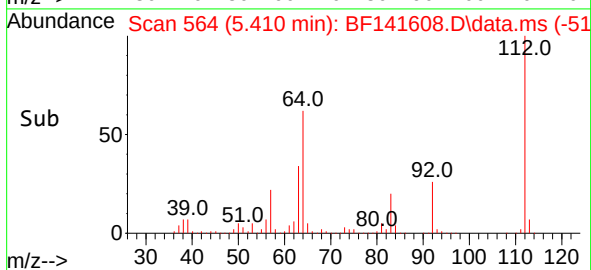
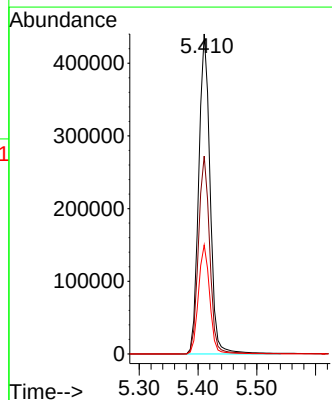
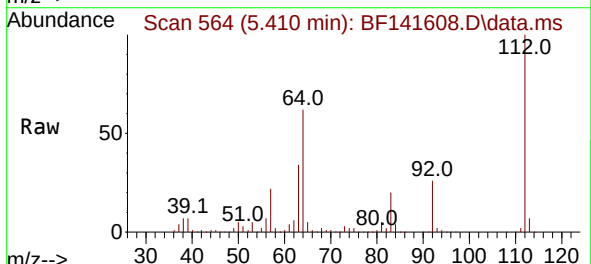
Instrument :
BNA_F
ClientSampleId :
HL2PX3

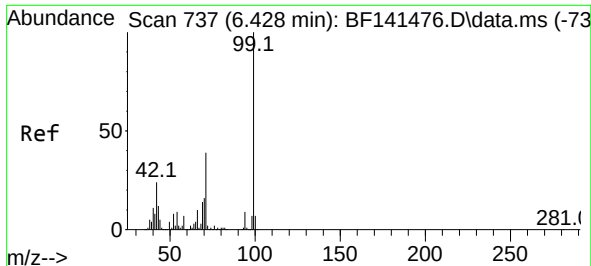
Tgt Ion:152 Resp: 97501
Ion Ratio Lower Upper
152 100
150 154.1 125.0 187.4
115 61.9 53.6 80.4



#5
2-Fluorophenol
Concen: 95.057 ng
RT: 5.410 min Scan# 564
Delta R.T. 0.000 min
Lab File: BF141608.D
Acq: 13 Feb 2025 12:24

Tgt Ion:112 Resp: 591179
Ion Ratio Lower Upper
112 100
64 61.9 51.1 76.7
63 34.1 28.4 42.6





#7
Phenol-d6
Concen: 93.623 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF141608.D
Acq: 13 Feb 2025 12:24

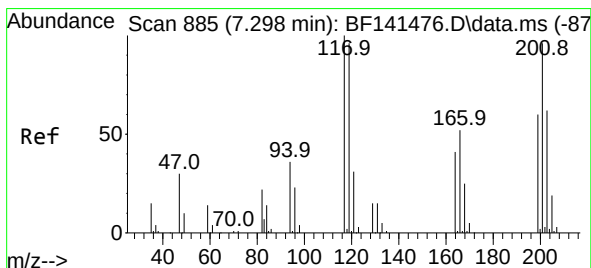
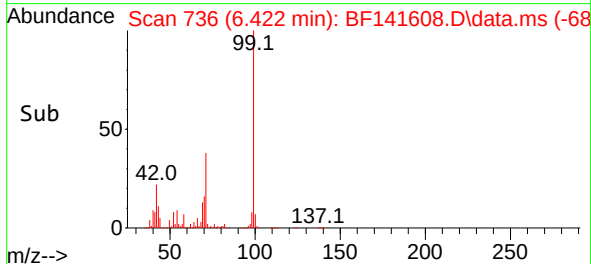
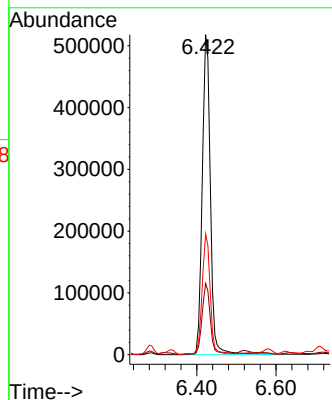
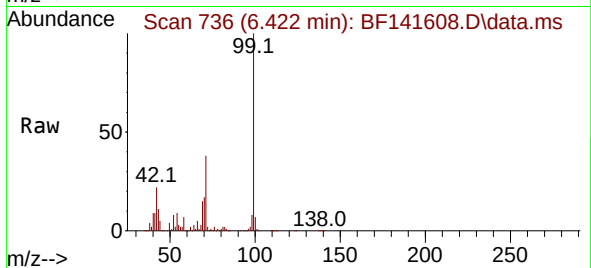
Instrument :

BNA_F

ClientSampleId :

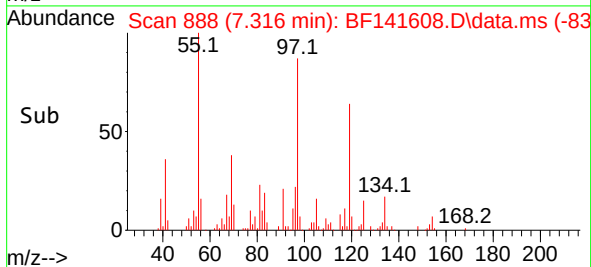
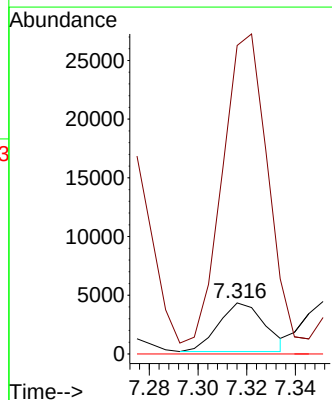
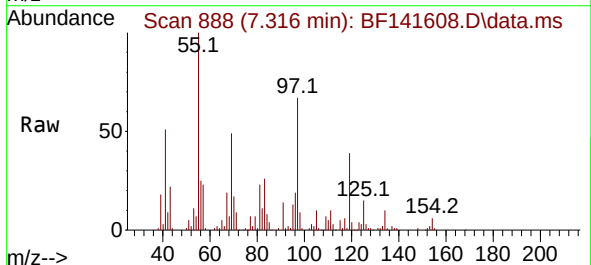
HL2PX3

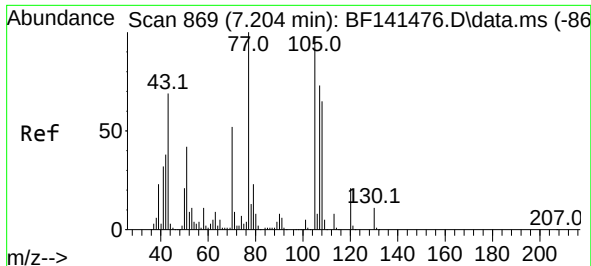
Tgt Ion: 99 Resp: 735929
Ion Ratio Lower Upper
99 100
42 22.2 19.1 28.7
71 37.7 31.1 46.7



#18
Hexachloroethane
Concen: 2.044 ng
RT: 7.316 min Scan# 888
Delta R.T. 0.012 min
Lab File: BF141608.D
Acq: 13 Feb 2025 12:24

Tgt Ion: 117 Resp: 5483
Ion Ratio Lower Upper
117 100
119 604.1 76.5 114.7#
201 0.0 76.7 115.1#

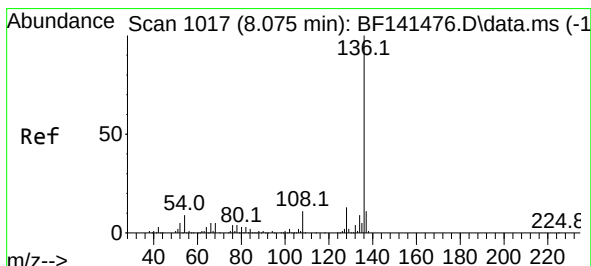
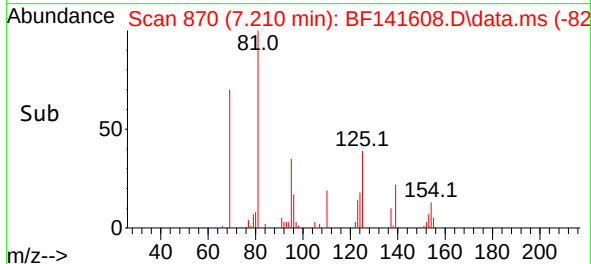
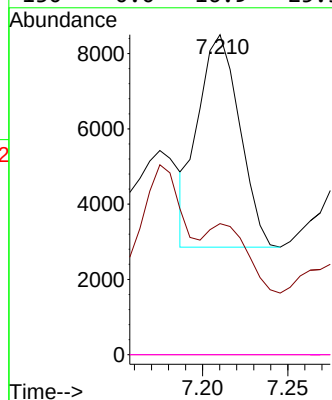
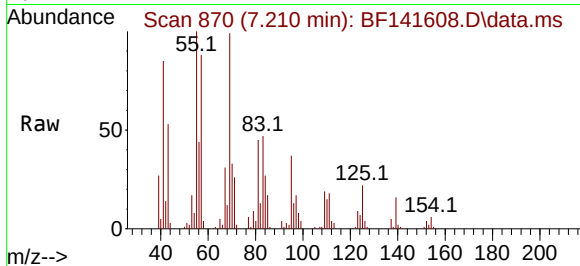




#19
n-Nitroso-di-n-propylamine
Concen: 2.036 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141608.D
Acq: 13 Feb 2025 12:24

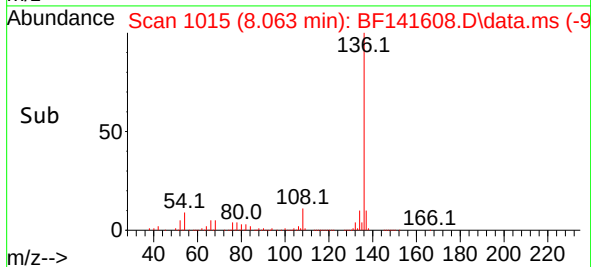
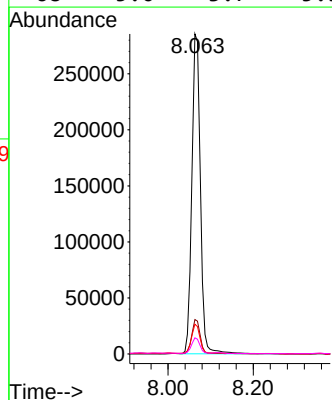
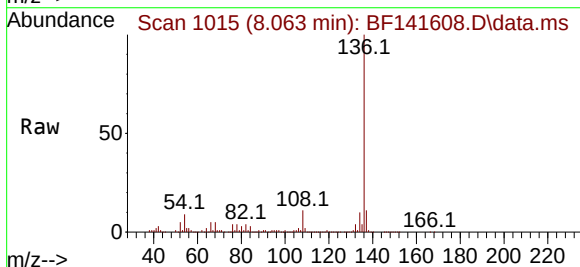
Instrument :
BNA_F
ClientSampleId :
HL2PX3

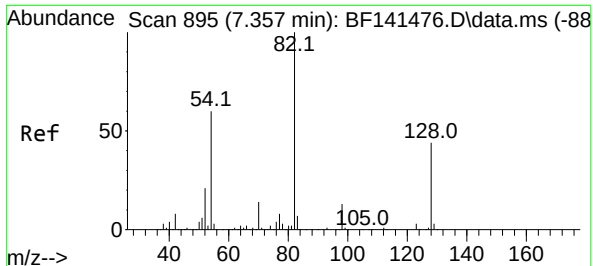
Tgt Ion: 70 Resp: 9575
Ion Ratio Lower Upper
70 100
42 40.9 57.4 86.2#
101 0.0 8.0 12.0#
130 0.0 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141608.D
Acq: 13 Feb 2025 12:24

Tgt Ion: 136 Resp: 397436
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.3 7.2 10.8
68 5.0 3.7 5.5

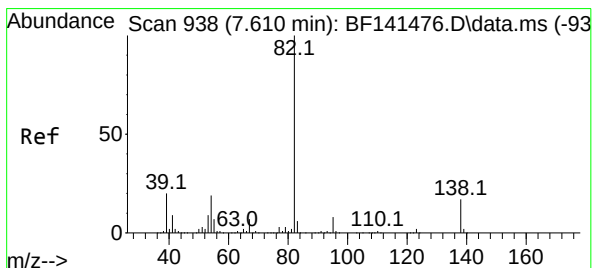
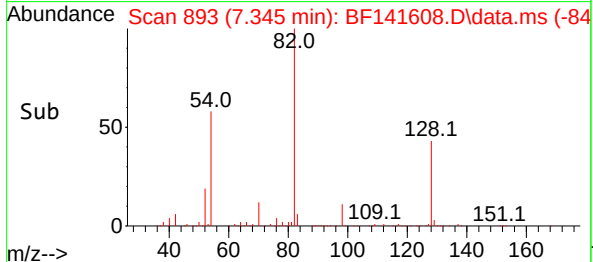
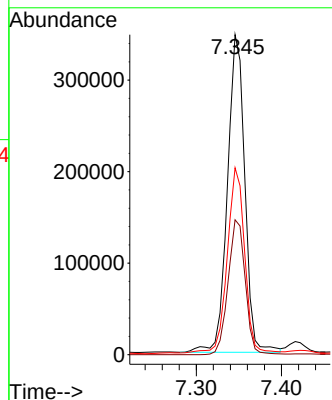
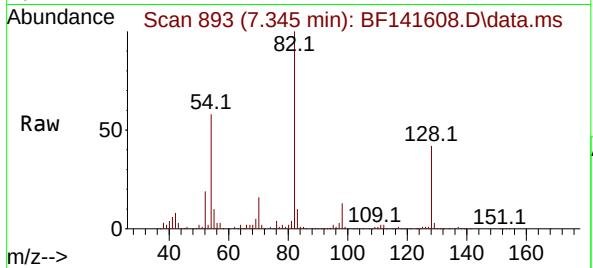




#23
Nitrobenzene-d5
Concen: 64.673 ng
RT: 7.345 min Scan# 895
Delta R.T. -0.017 min
Lab File: BF141608.D
Acq: 13 Feb 2025 12:24

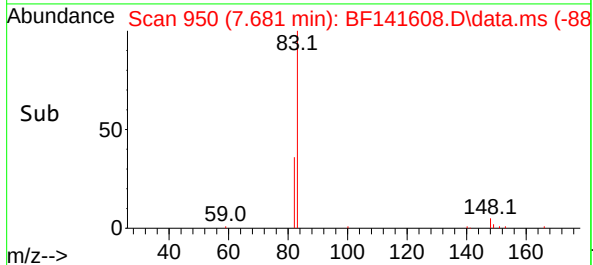
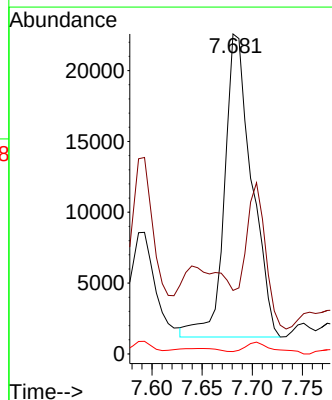
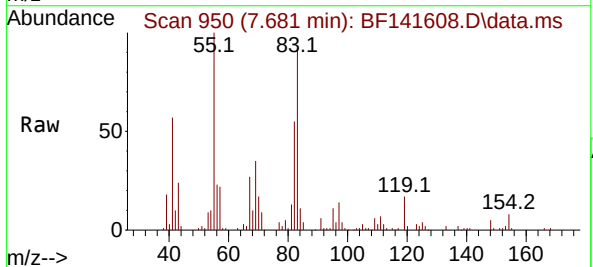
Instrument :
BNA_F
ClientSampleId :
HL2PX3

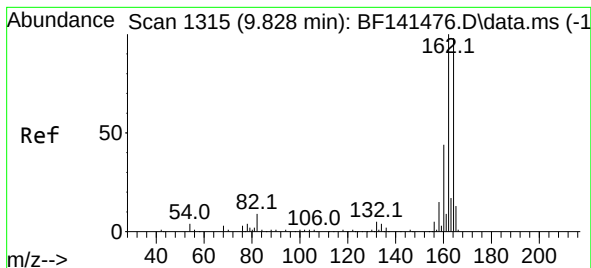
Tgt Ion: 82 Resp: 492796
Ion Ratio Lower Upper
82 100
128 42.2 34.8 52.2
54 58.4 48.2 72.4



#25
Isophorone
Concen: 3.334 ng
RT: 7.681 min Scan# 950
Delta R.T. 0.059 min
Lab File: BF141608.D
Acq: 13 Feb 2025 12:24

Tgt Ion: 82 Resp: 40507
Ion Ratio Lower Upper
82 100
95 19.8 6.4 9.6#
138 0.8 13.9 20.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141608.D

Acq: 13 Feb 2025 12:24

Instrument :

BNA_F

ClientSampleId :

HL2PX3

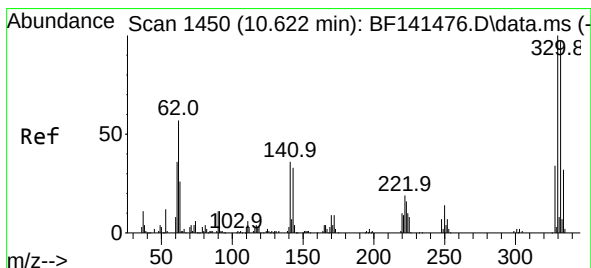
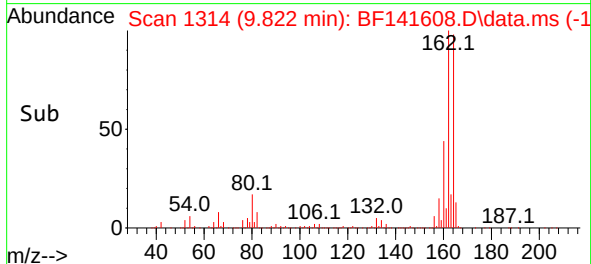
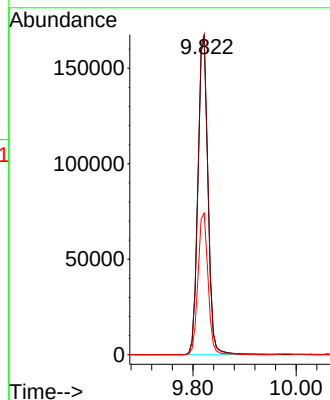
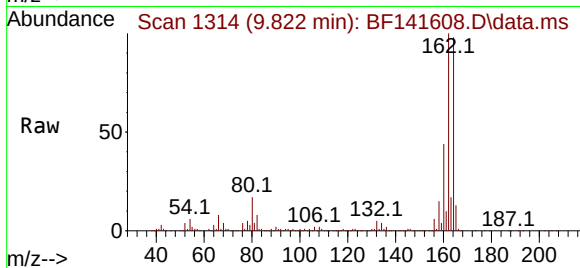
Tgt Ion:164 Resp: 223685

Ion Ratio Lower Upper

164 100

162 101.7 81.3 121.9

160 45.0 35.9 53.9



#42

2,4,6-Tribromophenol

Concen: 91.415 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.017 min

Lab File: BF141608.D

Acq: 13 Feb 2025 12:24

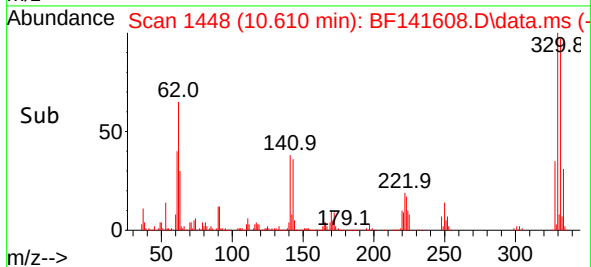
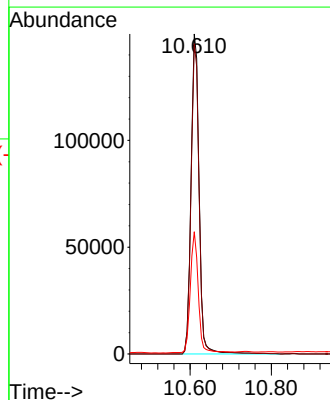
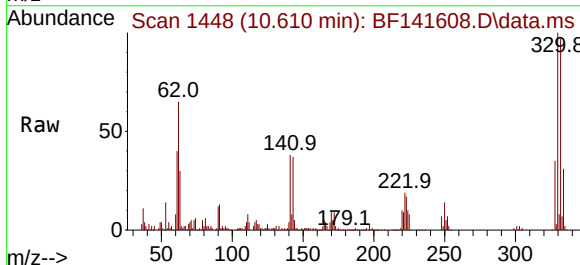
Tgt Ion:330 Resp: 205410

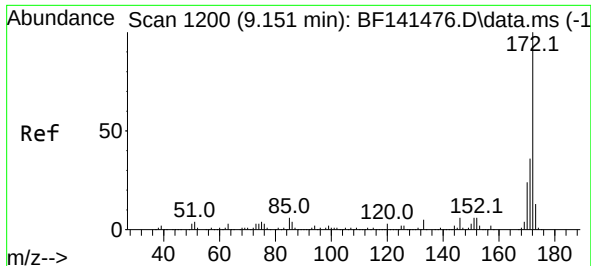
Ion Ratio Lower Upper

330 100

332 96.7 78.5 117.7

141 37.9 31.0 46.4

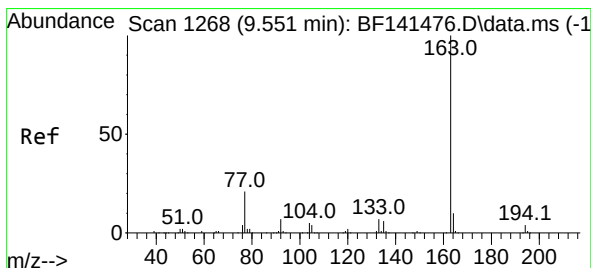
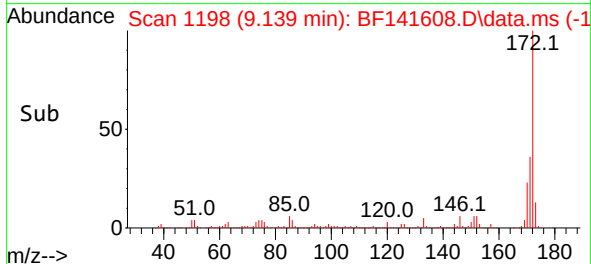
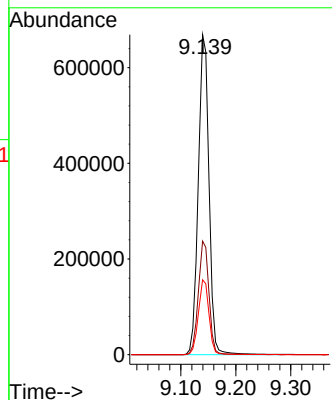
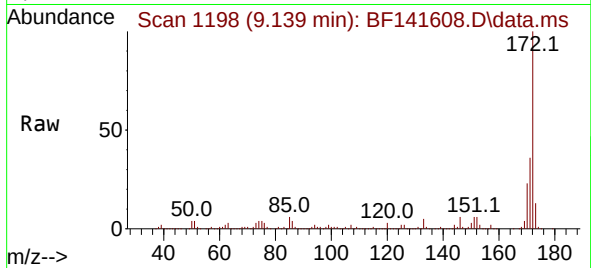




#45
2-Fluorobiphenyl
Concen: 62.523 ng
RT: 9.139 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141608.D
Acq: 13 Feb 2025 12:24

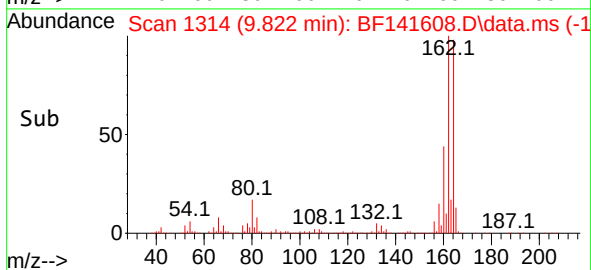
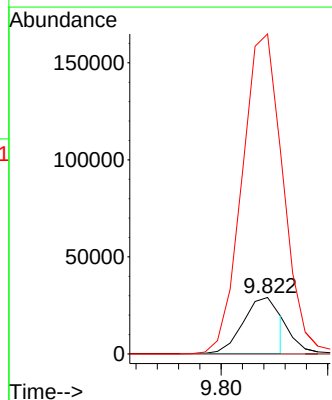
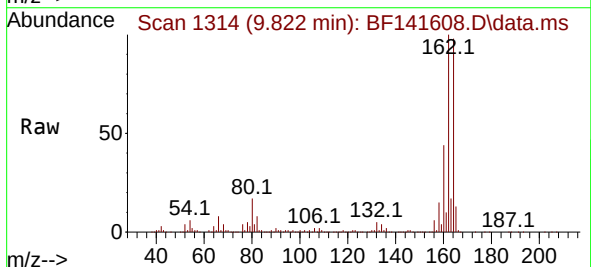
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BNA_F
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HL2PX3

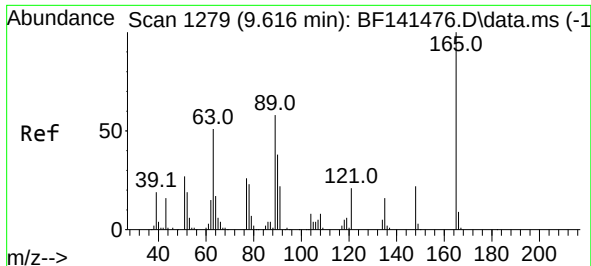
Tgt Ion:172 Resp: 907766
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 23.4 18.9 28.3



#50
Dimethylphthalate
Concen: 2.263 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF141608.D
Acq: 13 Feb 2025 12:24

Tgt Ion:163 Resp: 34364
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 566.2 7.9 11.9#

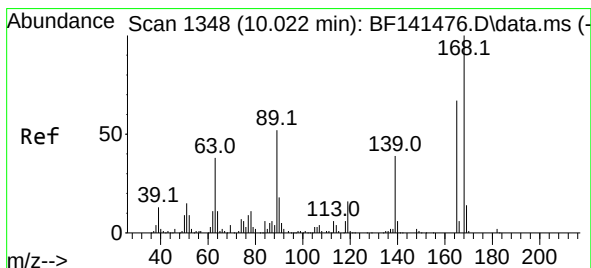
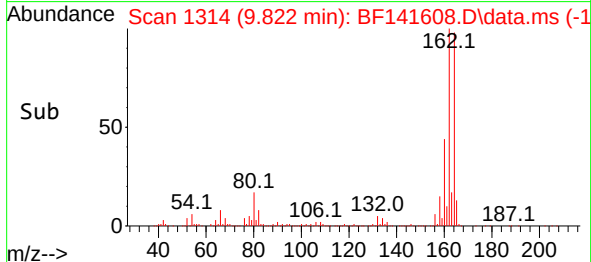
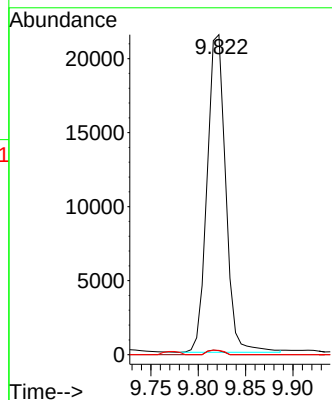
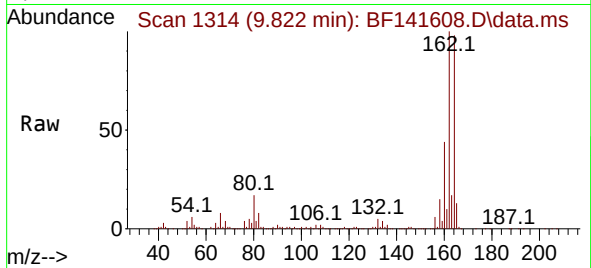




#51
2,6-Dinitrotoluene
Concen: 8.815 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.200 min
Lab File: BF141608.D
Acq: 13 Feb 2025 12:24

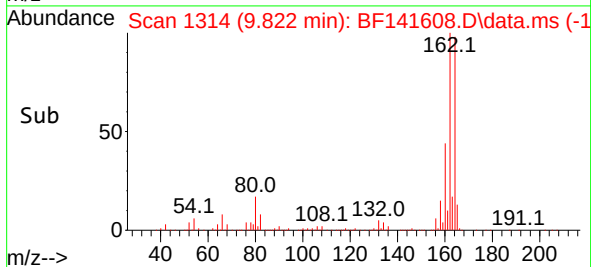
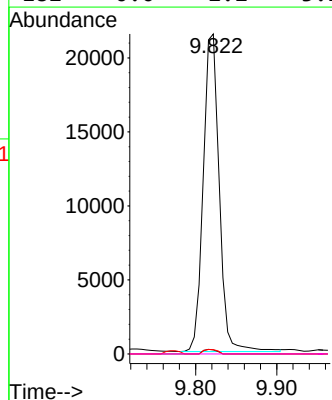
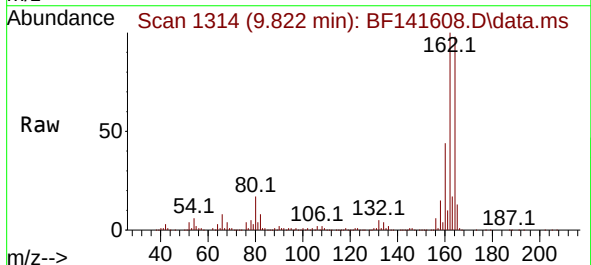
Instrument :
BNA_F
ClientSampleId :
HL2PX3

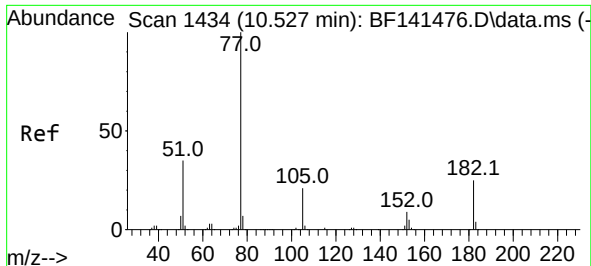
Tgt Ion:165 Resp: 29263
Ion Ratio Lower Upper
165 100
63 1.3 49.4 74.0#
89 1.4 46.5 69.7#



#57
2,4-Dinitrotoluene
Concen: 6.654 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.206 min
Lab File: BF141608.D
Acq: 13 Feb 2025 12:24

Tgt Ion:165 Resp: 29405
Ion Ratio Lower Upper
165 100
63 1.3 46.4 69.6#
89 1.4 61.8 92.6#
182 0.0 2.2 3.2#

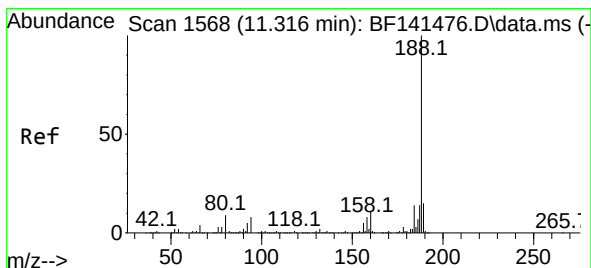
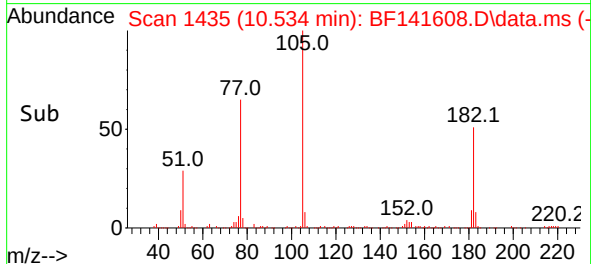
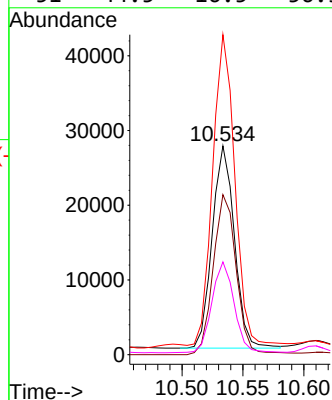
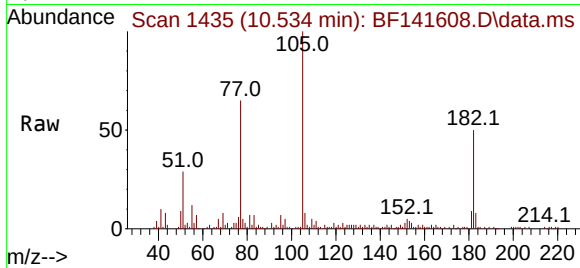




#63
Azobenzene
Concen: 2.316 ng
RT: 10.534 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF141608.D
Acq: 13 Feb 2025 12:24

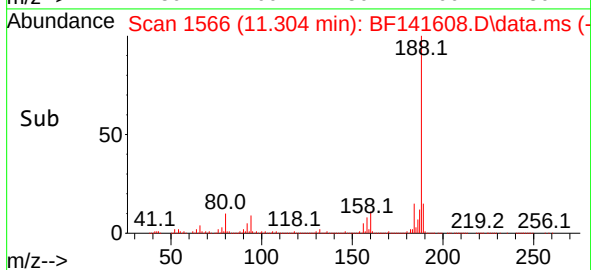
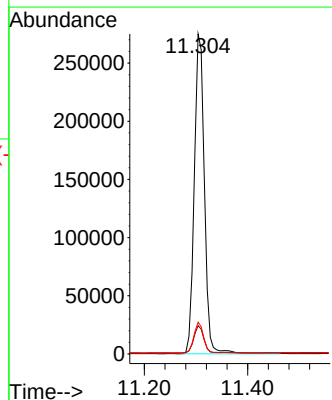
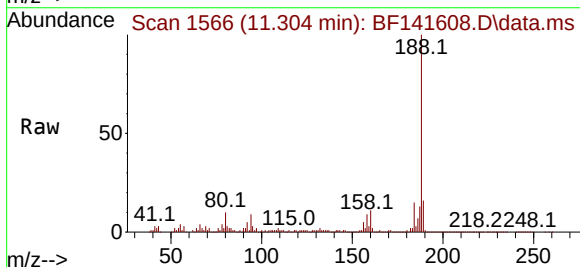
Instrument :
BNA_F
ClientSampleId :
HL2PX3

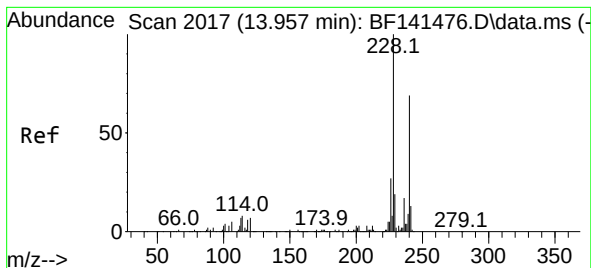
Tgt Ion: 77	Resp: 34396
Ion Ratio	Lower Upper
77 100	
182 76.6	4.7 44.7#
105 153.3	0.4 40.4#
51 44.5	16.5 56.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF141608.D
Acq: 13 Feb 2025 12:24

Tgt Ion: 188	Resp: 371884
Ion Ratio	Lower Upper
188 100	
94 8.9	6.6 10.0
80 9.9	7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF141608.D

Acq: 13 Feb 2025 12:24

Instrument :

BNA_F

ClientSampleId :

HL2PX3

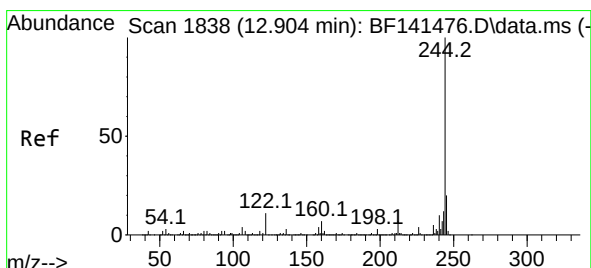
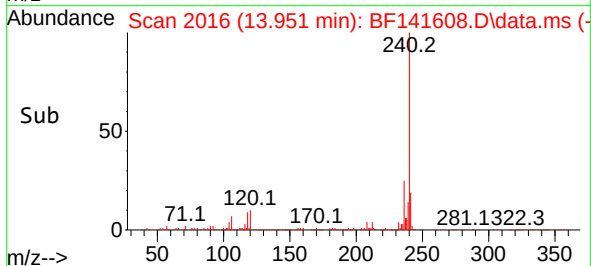
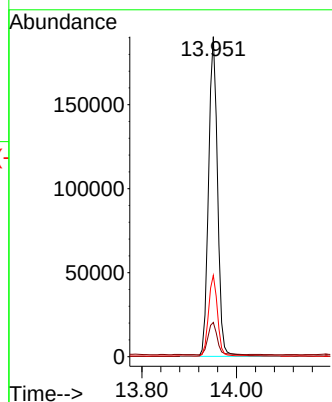
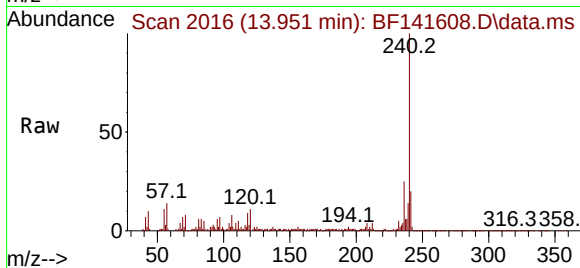
Tgt Ion:240 Resp: 250100

Ion Ratio Lower Upper

240 100

120 10.7 8.0 12.0

236 25.4 19.8 29.8



#79

Terphenyl-d14

Concen: 61.773 ng

RT: 12.898 min Scan# 1837

Delta R.T. -0.006 min

Lab File: BF141608.D

Acq: 13 Feb 2025 12:24

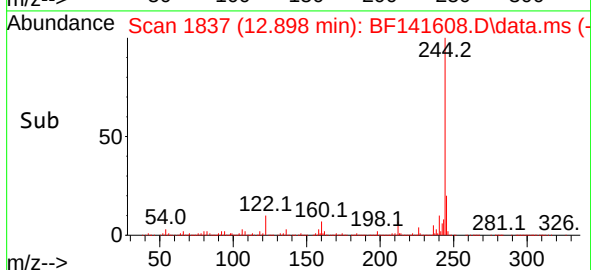
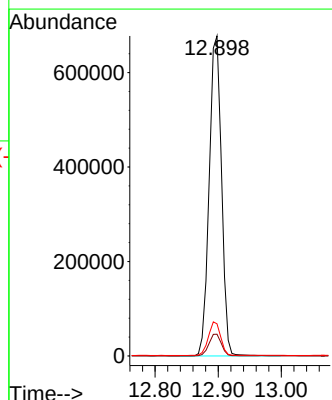
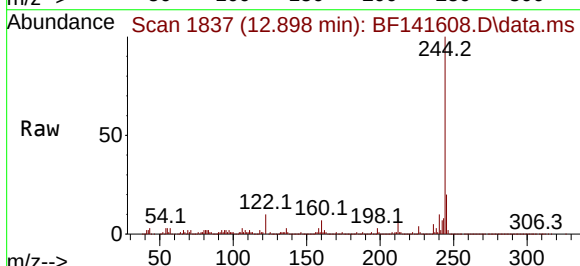
Tgt Ion:244 Resp: 915157

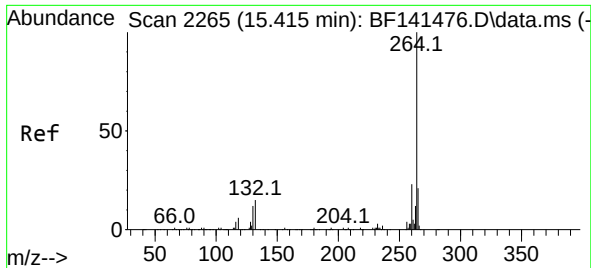
Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 10.0 8.4 12.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF141608.D
 Acq: 13 Feb 2025 12:24

Instrument :
 BNA_F
 ClientSampleId :
 HL2PX3

Tgt Ion:264 Resp: 205278
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 28.0
 265 21.5 17.0 25.4

